

Title (en)

STIFFENED PANEL MADE OF COMPOSITE MATERIAL AND METHOD FOR MANUFACTURING THE SAID PANEL

Title (de)

VERSTEIFTE PLATTE AUS VERBUNDWERKSTOFF UND VERFAHREN ZUR HERSTELLUNG DIESER PLATTE

Title (fr)

PANNEAU RENFORCÉ CONSTITUÉ D'UN MATÉRIAU COMPOSITE ET PROCÉDÉ DE FABRICATION DUDIT PANNEAU

Publication

EP 3698955 B1 20211027 (EN)

Application

EP 19382117 A 20190219

Priority

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Abstract (en)

[origin: EP3698955A1] Method for manufacturing a stiffened panel of composite materials and a stiffened panel, comprising:- a skin (1), and stiffeners (3, 4), wherein the manufacturing method comprises the following steps:- providing a skin (1),- making a plurality of through drill holes (6) on the skin (1) located in correspondence with areas where the placement of stiffeners (3, 4) is expected,- introducing threaded bolts (5) in the through drill holes (6) such that the head (11) of the threaded bolt (5) remains housed in the skin (1),- locating a threaded nut (10) on the free end of the threaded bolts (5),- manufacturing the stiffeners (3, 4) such that the threaded bolts (5) and the threaded nut (10) remain embedded in the stiffeners (3, 4).

IPC 8 full level

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CPC (source: EP US)

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